QUARTERLY REPORT: 4th QTR FY 2003 (Apr-Jun '03)

Contract/Project Manager: Gary P. Gauthier EA: 65-680821			
Title of Project			
DEVELOPMENT OF A NEW C	GUARDRAIL END TREATMENT		
FHWA POOLED FUND STUD	Y SPR 003(043)		
Describe last quarter's task/del	liverables.		
The concept J feasibility study of then return to its original configu	f a combination frictional & elastic ration at a slower rate was conduct dent, and another concept was star	ted with LS-DYNA computer simu	
"marine fender" design (concept	urethane elastic cylinders were inv H). It was determined that it was a would also not be that much lowe	not possible to get close to the stream	
Another concept ("L") was initial	ted involving collapsing, accordian	1-like beam elements and extension	n springs.
	d a small-scale dynamic impact de on. The initial device will be sma		
Describe next quarter's task/de			
Concept L will be further investig	gated, and it will be decided wheth	er to proceed with this design.	
The small prototype of the pneur	natic impact device (PID) will be d	lesigned and fabrication started.	
Are you on time with your school If no, please explain below.	edule? [X] YES Are you within [] NO If no, please ex		u on scope? [X]YES blease explain below. []NO
Ending date has been revised to I More funding may be required to			
Percentage of work completed.	_		
What is your expenditure projection for FY 2004?			
First Quarter	Second Quarter	Third Quarter	Fourth Quarter
\$10,000	\$25,000	\$40,000	\$50,000
			1

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